

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (CURRENTLY AMENDED) A recombinant plasmid, comprising:
 - ~~(a) an ubiquitous promoter,~~
 - ~~———— (b) a first fluorescent gene operably linked to and inserted downstream of said~~
~~ubiquitous promoter,~~
 - ~~———— (c) a tissue specific promoter, and~~
 - ~~———— (d) a second fluorescent gene operably linked to and inserted downstream of the~~
~~tissue specific promoter, wherein the ubiquitous promoter and the tissue specific~~
~~promoter have the adverse directional property and the ubiquitous promoter and the~~
~~tissue specific promoter are located upstream of the first and second fluorescent genes~~
~~respectively so as to have the directional property which permits transcription of said~~
~~genes~~
- (a) a α -actin promoter operably linked to a red-fluorescence protein reporter gene;
and
- (b) a β -actin promoter operably linked to a green-fluorescent protein reporter gene;

wherein the α -actin promoter and the β -actin promoter have an adverse directional property and are located upstream of the red-fluorescence protein reporter gene and green-fluorescent protein reporter gene respectively permitting directional transcription of each of the reporter genes.

2 - 19. (CANCELLED)

20. (NEW) A recombinant plasmid comprising:

two complementary polynucleotide sequences providing a first polynucleotide strand and a second polynucleotide strand, the first polynucleotide strand comprising a red fluorescence reporter protein gene encoding a red fluorescence protein, the second polynucleotide strand comprising a green fluorescence reporter protein gene encoding a green fluorescence protein; the first polynucleotide strand includes an upstream α -actin promoter operably linked to the red-fluorescence reporter protein gene, and the second strand includes an upstream β -actin promoter operably linked to the green-fluorescence reporter protein gene, wherein the transcription of the red-fluorescence reporter protein gene and the transcription of the green-fluorescence reporter protein gene from the recombinant plasmid occurs in different directions.